

ARG58687
anti-Phospholipase D2 antibodyPackage: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes Phospholipase D2
Tested Reactivity	Hu, Ms, Rat
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Phospholipase D2
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 1-180 of Human Phospholipase D2 (NP_002654.3).
Conjugation	Un-conjugated
Alternate Names	Choline phosphatase 2; PLD1C; PLD 2; Phosphatidylcholine-hydrolyzing phospholipase D2; Phospholipase D2; EC 3.1.4.4; hPLD2

Application Instructions

Application table	Application	Dilution
	WB	1:1000 - 1:3000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	BT474	
Observed Size	~ 110 kDa	

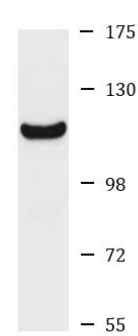
Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	PLD2
Gene Full Name	phospholipase D2
Background	The protein encoded by this gene catalyzes the hydrolysis of phosphatidylcholine to phosphatidic acid and choline. The activity of the encoded enzyme is enhanced by phosphatidylinositol 4,5-bisphosphate and ADP-ribosylation factor-1. This protein localizes to the peripheral membrane and may be involved in cytoskeletal organization, cell cycle control, transcriptional regulation, and/or regulated secretion. Two transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Jul 2011]
Function	May have a role in signal-induced cytoskeletal regulation and/or endocytosis. [UniProt]
Calculated Mw	106 kDa
PTM	Phosphorylated by FGR. [UniProt]
Cellular Localization	Membrane, Peripheral membrane protein. [UniProt]

Images



BT474

ARG58687 anti-Phospholipase D2 antibody WB image

Western blot: 25 µg of BT474 cell lysate stained with ARG58687 anti-Phospholipase D2 antibody at 1:1000 dilution.